croc Simple file transfer

CONCEPTS

The code phrase is the shared secret: it keys the end-to-end encryption, so share it over a different channel than the transfer.

Sender croc send
↓ code phrase
Relay matches both sides
↓ encrypted
Receiver croc <code>

Both ends must run croc. Direct local transfer is tried first; the relay only carries ciphertext when no direct path exists.

Typing the code on the command line shows it in the process list; use CROC_SECRET on shared machines.

SEND

croc send *<file>*
Send a file

croc send *<file>* *<dir>*
Send several files and folders

croc send --text "*<msg>*"
Send text or a URL

croc send --code *<phrase>*
Use a custom code (6+ chars)

cat *<file>* **| croc send**
Send from stdin

croc send --zip *<dir>*
Zip a folder before sending

croc send --qr *<file>*
Show the code as a QR code

croc send --exclude "*<a>*,*<b>*"
Skip paths containing these strings

croc send --exclude-file "*<p1>*,*<p2>*"
Skip exact relative paths

croc send --git *<dir>*
Respect .gitignore

croc send --no-local *<file>*
Skip the local relay, use remote

SEND (cont.)

croc send --hash imohash *<dir>*
Faster hash for huge files

RECEIVE

croc *<code>*
Receive with a code phrase

CROC_SECRET=*<code>* **croc**
Receive without the code in ps

croc --out *<dir>* *<code>*
Save into a directory

croc --yes *<code>*
Auto-accept the transfer

croc --overwrite --yes *<code>*
Overwrite existing files silently

croc --rename *<code>*
Keep both: save as name (1)

croc --yes --stdout *<code>* **>** *<file>*
Write received data to stdout

croc --ignore-stdin
Do not read piped stdin

OPTIONS

croc --ask send *<file>*
Confirm on both sides

croc --no-compress send *<file>*
Skip compression (media, archives)

croc --throttleUpload 500k send *<file>*
Cap upload speed

croc --local send *<file>*
Local network only, no relay

croc --disable-clipboard send *<file>*
Do not copy the code

RELAY AND NETWORK

croc relay
Run your own relay (ports 9009-9013)

croc --relay *<host:9009>* **send** *<file>*
Use a specific relay

RELAY AND NETWORK (cont.)

croc --relay *<host:9009>* **--pass** *<pw>* *<code>*
Receive via private relay

CROC_RELAY=*<host:9009>*
CROC_PASS=*<pw>* **croc**
Relay settings from env

croc --ip *<host:9009>* *<code>*
Connect to the sender directly

STORE AND EXTRAS

croc store *<file>*
Upload encrypted for later pickup

croc update --check
Look for a newer release

croc update
Install the latest release

croc --version
Show installed version

croc --help
List commands and flags

croc update only works for the script install (curl https://getcroc.com | bash); with a package manager, update through it.

RECIPES

Send a project without junk

```
croc send --git --zip <project-dir>
# receiver:
croc <code>
```

Pipe a stream over croc

```
tar czf - <dir> | croc send
# receiver:
croc --yes --stdout <code> | tar xzf -
```

Private relay between your machines

```
# on the server
CROC_PASS=<pw> croc relay
# on each client
export CROC_RELAY=<server>:9009
CROC_PASS=<pw>
croc send <file>
```

Unattended receive

```
CROC_SECRET=<code> croc --yes --overwrite --out <dir>
```